What is claimed is:

	ice adapted to be inserted entirely within
2 a wearer's ear canal next the anarture thereof for low	
a weater sear canal past the aperture mereor for for	ng-term use therein, comprising:
a sealing retainer adapted to be seated in	in the bony portion of the ear canal along
4 the longitudinal axis and in direct contact with the	walls thereof when said device is fully
5 inserted within the ear canal of the wearer;	
6 a receiver assembly including a receiver	r for supplying acoustic signals processed
by said device to the tympanic membrane of the weare	er, said receiver assembly being arranged
by said device to the tympanic membrane of the weare and adapted to mate with said retainer for positioning a microphone assembly including a microphone assem	g in the bony portion of the ear canal;
a microphone assembly including a mic	rophone for receiving incoming acoustic
signals for processing by said device;	
a pattery assembly including a battery	for powering said device; and
flexible connector electrically and	I mechanically connecting said battery
a battery assembly including a battery a flexible connector electrically and assembly, said receiver assembly and said microph	none assembly so that said microphone
14 assembly is flexibly supported in the cartilaginous po	ortion of the ear canal to be substantially
non-occluding therein with minimal or no contact v	vith the walls thereof, whereby to avoid
substantial interference by said microphone assembly v	with hair and production of cerumen and
17 debris within said ear canal.	

	1	2. The semi-permanent hearing device of claim 1, wherein said battery
	2	assembly includes a thin enclosure substantially conforming to the shape of said battery, said
	3	enclosure encapsulating and supporting said battery therein.
	1.	3. The semi-permanent hearing device of claim 1, wherein said sealing
	2	retainer is sufficiently soft and yielding to conform itself to the shape of the ear canal in said
	3	bony portion for long-term retention in a seated position therein when said device is fully
	4	inserted into the ear canal
Coloco	1	4. The semi-permanent hearing device of claim 1, wherein said sealing
on on	2	retainer includes a cavity to accept said receiver assembly in mating relationship therewith.
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	1	5. The semi-permanent hearing device of claim 2, wherein each of said
, I I F I G G	2	receiver assembly and said microphone assembly includes a respective thin enclosure
Ū	3	encapsulating said receiver and said microphone respectively, whereby, together with said thin
	4	enclosure of said battery assembly, to inhibit contamination and damage of said device.
	1	The semi-permanent hearing device of claim 5, wherein each of said thin
	2	enclosures is moisture-proof.
		•

1	7. The semi-permanent hearing device of claim 5, wherein each of said thin
2	enclosures has a wall thickness not exceeding 0.3 mm.
1	8. The semi-permanent hearing device of claim 1, wherein each of said
2	receiver and said microphone has a port for passage of the respective acoustic signal
3	therethrough, and further including at least one debris guard for mating with at least one of said
4	microphone and said receiver without substantial interference with passage of said acoustic
5	signal through the respective port.
0 4	
口 少 上 1 少 0 72	9. The semi-permanent hearing device of claim 8, wherein said at least one
<u>u</u> <u>m</u> 2	debris guard is moisture proof.
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<u>-</u> 1	10. The semi-permanent hearing device of claim 8, wherein said at least one
	debris guard is substantially acoustically transparent.
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1	11. The semi-permanent hearing device of claim 8, wherein said at least one
2	debris guard comprises a replaceable cap.
1	12. The semi-permanent hearing device of claim 11, wherein said replaceable
2	cap comprises a body member and guard member.

1	Be	13 .	The semi-permanent hearing device of claim 8, wherein said at least one
2	debris guard o	compris	es an adhesive pad incorporating an adhesive.
1		14.	The semi-permanent hearing device of claim 8, wherein said at least one
2	debris guard i	s remov	able and disposable for replacement thereof.
1		15 .	The semi-permanent hearing device of claim 1, wherein said support of
2	said microphor	ne assen	ably via said connector is sufficiently flexible to enable movement of said
3	microphone a	ssembly	in response to pressures from sources including physiologic debris
4	collected in sai	d ear ca	nal and canal deformations associated with movements of said ear canal.
		/	
1		16.	The semi-permanent hearing device of claim 1, wherein said receiver
2	assembly inclu	ides an	air vent.
1		17 .	The semi-permanent hearing device of claim 1, wherein said sealing
2	retainer includ	les an ai	r vent.
1		18 .	The semi-permanent hearing device of claim 1, further including a reed-
2	switch	ly coup	led to said device for magnetically-induced remote power switching or
3	control of said	l device	
	l		

1	B	19 .	The semi-permanent hearing device of claim 18 wherein said reed-
2	switch assen	nbly incl	ludes a miniature latching magnet to enable latching of said reed-switch
3	assembly.		
1		20 .	The semi-permanent hearing device of claim 1, further including means
2	associated w	rith said	device for remote power switching or control of said device.
1		21 .	The semi-permanent hearing device of claim 20, wherein said means for
Q 2	remote powe	r switch	ing or control of said device comprises an external control magnet sized
	to be hand-h	eld.	
1		22 .	The semi-permanent hearing device of claim 21, wherein said external
12 12 13 13 13	control mag	net is ba	r-shaped. The semi-permanent hearing device of claim 1, wherein said microphone
2	assembly inc	ludes ar	nplifier means integral therewith for processing said incoming signal.
1		24.	The semi-permanent hearing device of claim 1, wherein said flexible
2	connector co	omprises	s a thin film circuit.
1		25 .	The semi-permanent hearing device of claim 24, wherein said thin film

	4,	•
2	circuit comprises a	main section associated with said battery assembly, a medial section
3	associated with said 1	receiver assembly, and a lateral section associated with said microphone
4	assembly.	
1	26 .	The semi-permanent hearing device of claim 25, wherein said medial and
2	lateral sections are be	endable with respect to said main section.
1	27 .	The semi-permanent hearing device of claim 1, wherein said flexible
급2 무 교 교 대 1	connector includes el	ectrically conductive pads for connection to terminals of said battery.
<u>.</u>		
(T) 1	28 .	The semi-permanent hearing device of claim 1, wherein said flexible
□ 2	connector includes a	crossing section for connection to a crossing terminal of said battery.
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T 1	29 .	The semi-permanent hearing device of claim 1, further including
位 2	manually adjustable co	ontrol means for adjusting at least one electroacoustic parameter of said
3	device.	
1	30 .	The semi-permanent hearing device of claim 29, wherein said manually

adjustable control means includes at least one electrical jumper for enabling said adjustment.

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k_{2}	31 .	The semi-permanent hearing device of claim 1, including programming
means for sel	ectively	adjusting electroacoustic parameters of said device.

- 32. The semi-permanent hearing device of claim 31, wherein said programming means includes a programmer external to said device and adjustment means internal to said device responsive to programming signals from said programmer for performing said selective adjustment.
- 33. The semi-permanent hearing device of claim 32, wherein said programmer includes an electrical cable for connection to said device for delivering said programming signals to said internal adjustment means.
- 34. The semi-permanent hearing device of claim 32, wherein said programmer and said internal adjustment means include means for remote programming of said device by delivery of said programming signals without a physical connection therebetween.
- 35. The semi-permanent hearing device of claim 34, wherein said remote programming means includes means for transmitting and receiving at least one of sound, ultrasound, magnetic, electromagnetic, radio frequency and infrared signals as said programming signals.

1	36. The semi-permanent hearing device of claim 1, including measuring
2	means for performing in-situ probe tube measurements of parameters of said device.
1	37. The semi-permanent hearing device of claim 3, wherein said sealing
2	retainer is composed of a compressible material.
1	38. The semi-permanent hearing device of claim 37, wherein said
2	compressible material is responsive to compression thereof to undergo delayed expansion over
3	time to assume a snug fit within said ear canal.
1	39. The semi-permanent hearing device of claim 1, wherein said sealing
2	retainer is made of polyurethane foam or like material.
1	40. The semi-permanent hearing device of claim 1, wherein said sealing
2	retainer is made of silicone or like material.
1	The semi-permanent hearing device of claim 1, wherein said sealing
2	retainer is removable from said device and disposable for replacement thereof.

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42. The semi-permanent hearing device of claim 4, wh	nerein said cavity is
positioned in said sealing retainer coaxially with an axis to substantially	coincide with the
longitudinal axis of the ear canal in the bony portion thereof when said dev	rice is fully inserted
into the ear canal, whereby to support said receiver assembly along said long	
into the ear canal, whereby to support said receiver assembly along said long	gitudinal axis in the
vicinity of the tympanic membrane of the wearer.	•
vicinity of the tympanic membrane of the wearer.	

- 43. The semi-permanent hearing device of claim 4, wherein said cavity is medially shaped to conform at least partially to said battery assembly for acceptance thereof.
- 44. The semi-permanent hearing device of claim 1, wherein said sealing retainer is configured to be fully seated in the bony portion of the ear canal by conforming itself to the walls thereof, whereby to provide acoustic sealing within said bony portion for preventing said acoustic signals emanating from said receiver from feeding back to said microphone.
- 45. The semi-permanent hearing device of claim 1, wherein said sealing retainer is one among an assortment of sealing retainers of different sizes and shapes supplied with said hearing device to accommodate the dimensions of the ear canal of the individual wearer.

1	A6.	The semi-permanent hearing device of claim 1, wherein said battery is
2	a button cell type ba	attery.
1	47 .	The semi-permanent hearing device of claim 2, wherein said battery is
2	removable from said	I thin enclosure for disposal when battery replacement is required.
1	48 .	The semi-permanent hearing device of claim 2, wherein said battery
2	assembly is removal	ole from said device for disposal when battery replacement is required.
1	49 .	The semi-permanent hearing device of claim 1, wherein said receiver
2	assembly protrudes	medially beyond said sealing retainer.
_		rotains objects said southing rotainer.
1	50 .	A semi-permanent hearing device adapted to be inserted entirely within
2	a wearer's ear canal	past the aperture thereof for long-term use therein, comprising:
3	a sea	ling retainer adapted to be seated in the bony portion of the ear canal along
4	the longitudinal axi	s and in direct contact with the walls thereof when said device is fully
5	inserted within the e	ar canal of the wearer;
6	a rec	eiver assembly including a receiver for supplying acoustic signals processed
7	by said device to the	tympanic membrane of the wearer, said receiver assembly mating with said
8	sealing retainer for j	positioning said receiver in the bony portion of the ear canal;

9	a microphone assembly including a microphone for receiving incoming acoustic
10	signals for processing by said device;
11	a battery assembly including a battery for powering said device, a thin enclosure,
12	and a connector electrically connecting said battery, said receiver and said microphone;
13	said battery assembly having a shape substantially equivalent to the shape of said
14	battery therein, and said microphone assembly extending laterally for positioning in the
15	cartilaginous portion of the ear canal with minimal or no contact with the walls for substantial
16	non-occlusion thereof, thereby min mally interfering with hair and production of cerumen and
017 0 1 0 1 0 2 2	debris within said ear canal.
	51. The semi-permanent hearing device of claim 50, wherein said sealing
	retainer is sufficiently soft and yielding to conform itself to the shape of the ear canal in said
₽ ₩ 3	bony portion for long-term retention in a seated position therein when said device is fully
는 다 4 다 다	inserted into the ear canal.
1	52. The semi-permanent hearing device of claim 50, wherein said sealing
2	retainer includes a cavity to accept said receiver assembly in mating relationship therewith.
1	53. The semi-permanent hearing device of claim 50, wherein each of said
2	receiver assembly and said microphone assembly includes a respective thin enclosure
3	encapsulating said receiver and said microphone respectively, whereby, together with said thin

4	enclosure of said battery assembly, to inhibit contamination and damage of said device.
N.	54. The semi-permanent hearing device of claim 53, wherein each of said
1	The senti-permanent hearing device of claim 53, wherein each of said
2	thin enclosures is moisture-proof.
1	55. The semi-permanent hearing device of claim 53, wherein each of said
2	thin enclosures has a wall thickness not exceeding 0.3 mm.
5 1	56. The semi-permanent hearing device of claim 50, wherein each of said
는 2 교	receiver and said microphone has a port for passage of the respective acoustic signal
口 1 山上 2 山口 3 瓜 4	therethrough, and further including at least one debris guard for mating with at least one of said
	microphone and said receiver without substantial interference with passage of said acoustic
# 5 # D # D # 1	signal through the respective port.
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1	The semi-permanent hearing device of claim 56, wherein said at least one
2	debris guard is moisture proof.
1	The semi-permanent hearing device of claim 56, wherein said at least one
2	debris guard is substantially acoustically transparent.

1	59.	The semi-permanent hearing device of claim 56, wherein said at least one
2	debris guard compr	ises a replaceable cap.
1	60 .	The semi-permanent hearing device of claim 59, wherein said replaceable
2	cap comprises a bo	dy member and guard member.
1	61.	The semi-permanent hearing device of claim 56, wherein said at least one
2	debris guard compr	ises an adhesive pad incorporating an adhesive.
1	62 .	The semi-permanent hearing device of claim 56, wherein said at least one
2	debris guard is rem	ovable and disposable for replacement thereof.
1	63 .	The semi-permanent hearing device of claim 50, wherein said
2	microphone assembl	is flexibly connected to enable movement thereof in response to pressures
3	from sources include	ling physiologic debris collected in said ear canal and canal deformations
4	associated with mo	vements of said ear canal.
1	64.	The semi-permanent hearing device of claim 50, wherein said receiver
2	assembly includes a	n air vent.

1	65.	The semi-permanent hearing device of claim 50, wherein said sealing
2	retainer includes an a	nir vent.
1	66 .	The semi-permanent hearing device of claim 50, further including a reed-
2	switch assembly cou	pled to said device for magnetically-induced remote power switching or
3	control of said device	e.
1	67 .	The semi-permanent hearing device of claim 66, wherein said reed-
2	switch assembly incl	udes a miniature latching magnet to enable latching of said reed-switch
3	assembly.	
1	68 .	The semi-permanent hearing device of claim 50, further including means
2		device for remote power switching or control of said device.
1	69.	The semi-permanent hearing device of claim 68, wherein said means for
2	remote power switchi	ng or control of said device comprises an external control magnet sized
3	to be hand-held.	
1	70 .	The semi-permanent hearing device of claim 69, wherein said external
2	control magnet is bar	-shaped.

1	71. The semi-permanent hearing device of claim 50, wherein said
2	microphone assembly includes amplifier means integral therewith for processing said incoming
3	signal.
1	72. The semi-permanent hearing device of claim 50, wherein said connector
2	comprises a thin film circuit.
1	73. The semi-permanent hearing device of claim 72, wherein said thin film
02 H 03 0 04	circuit comprises a main section associated with said battery assembly, a medial section
년 일3	associated with said receiver assembly, and a lateral section associated with said microphone
9 6 7 7 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	74. The semi-permanent hearing device of claim 73, wherein said medial and
Γυ □ 2	lateral sections are bendable with respect to said main section.
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1	75. The semi-permanent hearing device of claim 50, wherein said connector
2	includes electrically conductive pads for connection to terminals of said battery.
1	76. The semi-permanent hearing device of claim 50, wherein said connector
2	includes a crossing section for connection to a crossing terminal of said battery.

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1	PS	77 .	The semi-permanent hearing device of claim 50, further including
2	manually adj	ustable co	entrol means for adjusting at least one electroacoustic parameter of said
3	device.		
1		78 .	The semi-permanent hearing device of claim 77, wherein said manually

- adjustable control means includes at least one electrical jumper for enabling said adjustment.
- 79. The semi-permanent hearing device of claim 50, including programming means for selectively adjusting electroacoustic parameters of said device.
- 80. The semi-permanent hearing device of claim 79, wherein said programming means includes a programmer external to said device and adjustment means internal to said device responsive to programming signals from said programmer for performing said selective adjustment.
- 81. The semi-permanent hearing device of claim 80, wherein said programmer includes an electrical cable for connection to said device for delivering said programming signals to said internal adjustment means.

retainer is made of polyurethane foam or like material.

The semi-permanent hearing device of claim 80, wherein said

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- 1 88. The semi-permanent hearing device of claim 50, wherein said sealing retainer is made of silicone or like material.
 - 89. The semi-permanent hearing device of claim 50, wherein said sealing retainer is removable from said device and disposable for replacement thereof.
 - 90. The semi-permanent hearing device of claim 52, wherein said cavity is positioned in said sealing retainer coaxially with an axis to substantially coincide with the longitudinal axis of the ear canal in the bony portion thereof when said device is fully inserted into the ear canal, whereby to support said receiver assembly along said longitudinal axis in the vicinity of the tympanic membrane of the wearer.
 - The semi-permanent hearing device of claim 52, wherein said cavity is medially shaped to conform at least partially to said battery assembly for acceptance thereof.
 - 92. The semi-permanent hearing device of claim 50, wherein said sealing retainer is configured to be fully seated in the bony portion of the ear canal by conforming itself to the walls thereof, whereby to provide acoustic sealing within said bony portion for preventing said acoustic signals emanating from said receiver from feeding back to said microphone.

1	115	93 .	The semi-permanent hearing device of claim 50, wherein said sealing
2	retainer is one	e among	an assortment of sealing retainers of different sizes and shapes supplied
3	with said he	aring de	vice to accommodate the dimensions of the ear canal of the individual
4	wearer.		
1		94.	The semi-permanent hearing device of claim 50, wherein said battery is
2	a button cell	type bat	tery.
		•	
		95 .	The semi-permanent hearing device of claim 50, wherein said battery is
	removable fr	om said	thin enclosure for disposal when battery replacement is required.
<u>+</u> 1		96 .	The semi-permanent hearing device of claim 50, wherein said battery
+ 1 - 1 - 2 - 4 - 4	assembly is r	emovab	e from said device for disposal when battery replacement is required.
1		97.	The semi-permanent hearing device of claim 50, wherein said receiver
2	assembly pro	trudes n	nedially beyond said sealing retainer.
1		98 .	A semi-permanent hearing device adapted to be inserted entirely within
2	a wearer's ea	ir canal j	past the aperture thereof for long-term use therein, comprising:
3		a core	e assembly comprising
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	(1(2)
4	transducer means for converting sound waves incident thereon to audible
5	acoustic signals for imparting thereof on the tympanic membrane of the wearer, and
6	a battery for powering said core assembly;
7	a sealing retainer fabricated to seat within and occlude the bony region of the
8	ear canal when said device is fully inserted within the ear canal of the wearer, said sealing
9	retainer including means for snugly supporting said core assembly along the longitudinal axis
10	of the ear canal in said bony region, whereby said sealing retainer provides acoustic sealing of
11	said bony region of the ear canal to prevent feedback, said core assembly including an extended
12	portion extending laterally and non-occludingly into the cartilaginous region of the ear canal
13	with minimal or no contact of the ear canal wall therein, whereby to substantially avoid
14	interference by said extended portion of said core assembly with hair and production of
15	cerumen and debris in said cartilaginous region.
1	99. The semi-permanent hearing device of claim 98, wherein said core
2	assembly and said sealing retainer are selectively separable from one another for disposal of said
3	sealing retainer.
1	100. The semi-permanent hearing device of claim 98, wherein said sealing
2	retainer is sufficiently soft and yielding to conform itself to the shape of the ear canal in said
3	bony region for long-term retention in a seated position therein when said device is fully
4	inserted into the ear canal.

1	101. The semi-permanent hearing device of claim 36, wherein said seaming
2	retainer comprises an air cavity to accept said core assembly for snug support thereof.
1	102. The semi-permanent hearing device of claim 98, further comprising
2	moisture-proof encapsulation of said device.
1	103. The semi-permanent hearing device of claim 102, wherein said
Q 2	encapsulation has a wall thickness not exceeding 0.3 mm.
00 20 20 10 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20	
<u>0</u> 1.	104. The semi-permanent hearing device of claim 98, wherein said transducer
	means includes a microphone and a receiver each having a respective port for passage of
₽ 3 ₽	acoustic signal therethrough, and further including at least one debris guard for at least one of
14 UT	said microphone port and said receiver port without substantial interference to passage of
₩4 ₩5 ₩5	acoustic signal through the respective port.
1	105. The semi-permanent hearing device of claim 104, wherein said at least
2	one debris guard is moisture proof.
1	The semi-permanent hearing device of claim 104, wherein said at least
2	one debris guard is substantially acoustically transparent.

1	107.	The semi-permanent hearing device of claim 104, wherein said at least
2	one debris guard con	mprises a replaceable cap.
1	108.	The semi-permanent hearing device of claim 107, wherein said
2	replaceable cap com	prises a body member and guard member.
1	109.	The semi-permanent hearing device of claim 104, wherein said at least
☐ ☐ 2	one debris guard co	mprises an adhesive pad incorporating an adhesive.
Co Hoom 1 2	110.	The semi-permanent hearing device of claim 104, wherein said at least
□2 	one debris guard is r	removable and disposable for replacement thereof.
1 1	/ 111.	The semi-permanent hearing device of claim 98, wherein said core
4 2	assembly comprises	an air vent.
1	112.	The semi-permanent hearing device of claim 98, wherein said transducer
2	means comprises a	microphone assembly including amplifier means integral therewith for
3	processing acoustic	signals.

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1	113. The semi-permanent hearing device of claim 98, further	including
2	manually adjustable control means for adjusting at least one electroacoustic parame	ter of said
3	device.	
1	114. The semi-permanent hearing device of claim 98, including pro-	gramming
2	means for selectively adjusting electroacoustic parameters of said device.	
1	115. The semi-permanent hearing device of claim 114, who	erein said
2	programming means includes a programmer external to said device and adjustme	ent means
3	internal to said device responsive to programming signals from said program	mmer for
4	performing said selective adjustment.	
1	116. The semi-permanent hearing device of claim 100, wherein sa	aid sealing
2	retainer is composed of/a compressible material.	
1	117. The semi-permanent hearing device of claim 116, who	erein said
2	compressible material is responsive to compression thereof to undergo delayed expan	nsion over
3	time to assume a snug fit within said ear canal.	
1	118. The semi-permanent hearing device of claim 98, wherein sa	iid sealing
2	retainer is made of polyurethane foam or like material.	

	1	119. The semi-permanent hearing device of claim 98, wherein said sealing
	2	retainer is made of silicone or like material.
	1	120. The semi-permanent hearing device of claim 98, wherein said sealing
	_	
	2	retainer is removable from said device and disposable for replacement thereof.
	1	121. The semi-permanent hearing device of claim 98, wherein said sealing
	2	retainer is one among an assortment of sealing retainers of different sizes and shapes supplied
find and and that they are that their	3	with said hearing device to accommodate the dimensions of the ear canal of the individual
7 	4	wearer.
	7	wearer.
± ±	1	122. The semi-permanent hearing device of claim 98, wherein said core
	2	assembly is disposable.
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	1	123. The semi-permanent hearing device of claim 98, wherein said transducer
	2	means comprises a receiver assembly protruding medially beyond said sealing retainer.
	1	124 The coming amount having device of this 00 selections is said to
	1	124. The semi-permanent hearing device of claim 98, wherein said hearing
	2	device further comprises a removal handle.
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2	to be inserted entirely within the ear canal of a wearer past the aperture thereof, wherein:
3	said sealing retainer is configured (1) for concentric positioning over a medial
4	part of a core assembly of the hearing device so that said core assembly extends laterally within
5	and makes minimal or no contact with the walls of the cartilaginous region of said ear canal and
6	is suspended within and snugly supported at said medial part by said sealing retainer, and (ii)
7	for seating within and occluding the bony region of the ear canal, when said hearing device is
8	fully inserted within the ear canal of the wearer,
5 9	whereby said scaling retainer provides acoustic sealing of said bony region to
<u>급</u> 0	prevent feedback, and said lateral extension of said core assembly avoids substantial
으 등 0 등 1 1 등 0 = 1	interference with hair and production of cerumen and debris in said cartilaginous region.
+1 +1 -12 	126. The sealing retainer of claim 125, wherein said sealing retainer is
∏ 2	sufficiently soft and yielding to conform itself to the shape of the ear canal in said bony region.
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1	/127. The sealing retainer of claim 125, wherein said sealing retainer is
2	composed of a compressible material.
1	/ 128. The sealing retainer of claim 127, wherein said compressible material is

A sealing retainer for use with a semi-permanent hearing device adapted

responsive to compression thereof to undergo delayed expansion over time to assume a snug

fit within said ear canal.

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	1	60	129 .	The sealing retainer of claim 125, wherein said sealing retainer is made
	2	of polyurethan	e foam	or like material.
	1		130 .	The sealing retainer of claim 125, wherein said sealing retainer is made
	2	of silicone or l	ike mat	erial.
	1		131.	The sealing retainer of claim 125, wherein said sealing retainer is
	212	disposable.		
	1		132 .	The sealing retainer of claim 125, wherein said sealing retainer includes
ä		an air cavity.		
U	1 2		133 .	The sealing retainer of claim 125, wherein said sealing retainer is
	2	assortedly size	d and s	haped to accommodate the dimensions of the ear canal of said wearer.
	1		134 .	The sealing retainer of claim 125, wherein said sealing retainer is
	2	configured to	have s	aid core assembly protrude medially therefrom when suspended and
	3	supported ther	eby.	
	1		135/	The sealing retainer of claim 125, wherein said sealing retainer is worn
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2	alone without said core assembly for testing a hearing-impaired individual's tolerance for long-
3	term wearing of said sealing retainer and associated said hearing device.
1	136. The sealing retainer of claim 125, wherein the cross-section of said
2	sealing retainer is oval in shape.
1	137. The sealing retainer of claim 136, wherein said sealing retainer is
2	relatively pointed at its inferior portion.
1	138. Amethod of testing a hearing-impaired individual's tolerance to long-
2	term wearing of a canal hearing device inserted entirely within the individual's ear canal past
3	the aperture thereof without actual wearing of the entire hearing device, said method
4	comprising the steps of:
5	inserting into said ear canal a sealing retainer configured to conform to the walls
6	in the bony region of said ear canal until said sealing retainer is seated securely against said
7	walls in said bony region, wherein said sealing retainer has an air cavity normally adapted to
8	accept and retain a core assembly of said hearing device but said insertion step is performed
9	with said air cavity unoccupied by said core assembly, and
10	removing said sealing retainer from said ear canal after said sealing retainer has
11	been worn by said individual for a period of time of sufficient length to determine said long-

term tolerance.

1	139. The method of claim 138, further including the step of examining said
2	ear canal after removal of said sealing retainer therefrom.
1	140. The method of claim 138, further including the step of maintaining ar
2	inventory of assorted sizes and shapes of said sealing retainer for selection of an appropriate
3	fit for the ear canal of said individual.